**Factors, Multiples and Primes - basics**

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| Name : | Class : | Date : |

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| **1)** List all the prime numbers less than 20 | [1] |
| **2)** Is the following number a prime number? Answer yes or no.         21 | [1] |
| **3)** Find the factor pairs of 6 | [1] |
| **4)** Find the factor pairs of 14 | [1] |
| **5)** Find the factor pairs of 55 | [1] |
| **6)** List all the factors of the following number       a) 13       b) 12       c) 50 | [3] |
| **7)** List the first 5 multiples of 9. | [1] |
| **8)** List the first 6 multiples of 13. | [1] |
| **9)** Complete the table.   |  |  |  |  | | --- | --- | --- | --- | |  | is multiple of 2 | is multiple of 5 | is multiple of 10 | | 645 | no | yes |  | | 282 |  |  |  | | 400 |  |  |  | | [1] |
| **10)** Complete the table.   |  |  |  |  | | --- | --- | --- | --- | |  | is multiple of 3 | is multiple of 4 | is multiple of 9 | | 204 | yes | yes | no | | 117 |  |  |  | | 972 |  |  |  | | [1] |

**Solutions for the assessment Factors, Multiples and Primes - basics**

|  |  |
| --- | --- |
| **1)** 2,3,5,7,11,13,17,19 | **2)** no |
| **3)** 1 6 2 3 | **4)** 1 14 2 7 |
| **5)** 1 55 5 11 |  |
| **6)**  a) 1,13 | b) 1,2,3,4,6,12 |
| c) 1,2,5,10,25,50 | **7)** 9,18,27,36,45 |
| **8)** 13,26,39,52,65,78 | **9)** no yes,no,no yes,yes,yes |
| **10)** yes,no,yes yes,yes,yes |  |